



please use a plus sign (+) → +

Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

1446-110

U.S. Department of Commerce
Patent and Trademark Office

Application No. : 10/804,831

Filing Date : March 16, 2004

First Named Inventor: H. AIDA

Group Art Unit : 3681

Examiner Name : BONCK

Attorney Docket No. : KAM 21.049

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Sheet 1 of 1

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document	Kind Code if known ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
RAB		5,722,521		AWAJI et al.	03-03-1998	
RAB		6,116,393		OOITSU et al.	09-12-2000	

FOREIGN DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document Office ³ Number ⁴ Kind Code ⁵ (if known)	Country	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YY/Y	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
RAB		08-061374	JP	Yaskawa Electric Corp	03-08-1996	
RAB		2001-032911	JP	NSK Ltd.	02-06-2001	
RAB		2001-165201	JP	NSK Ltd.	06-19-2001	
RAB		2000-240687	JP	NSK Ltd.	09-05-2000	
RAB		11-218160	JP	Koyo Seiko Co Ltd	08-10-1999	
RAB		11-063026	JP	Koyo Seiko Co Ltd	03-05-1999	
RAB		11-022753	JP	Koyo Seiko Co Ltd	01-26-1999	
RAB		10-285873	JP	Koyo Seiko Co Ltd	10-23-1998	
RAB		10-213207	JP	Nippon Seiko KK	08-11-1998	
RAB		08-226462	JP	INA Waelzlager Schaeffler KG	09-03-1996	
RAB		07-139550	JP	Koyo Seiko Co Ltd	05-30-1995	



Other Prior Art-Non Patent Literature Documents

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, country, where published, source.	Applicant check her if English language translation attached
		English Translation of International Preliminary Examination Report, December 15, 2003	
Examiner Signature	Rodney H. Bonck		Date Considered 11/04/04

Examiner: Initial of reference considered, whether or not in conformance with the requirements of 35 U.S.C. 102(b) and 35 U.S.C. 103. Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
Unique citation designation number. See attached Kind of U.S. Patent Documents. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.1). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1 if possible. Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.